

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A method for the isolation of expressed sequence tags in different development phases of plants which comprises:

- (a) germinating seeds in a suitable medium in the presence of 5-azaCytidine in quantities ranging from 0.1 mM to 2 mM, thereby forming shoots;
- (b) extracting nucleic acids from the shoots grown as specified in (a);
- (c) synthesizing a cDNA library comprising expressed sequence tags comprising clones starting from the nucleic acids extracted in (b);
- (d) sequencing and sequence analyzing the clones comprising expressed sequence tags of the library.

Claim 2 (Currently Amended): The method according to claim 1 wherein [[in]] the germinating of seeds has a duration of last for 21 days.

Claim 3 (Previously Presented): The method according to claim 1, wherein the quantity of 5-azaCytidine in (a) ranges from 0.3 mM to 0.5 mM.

Claim 4 (Previously Presented): The method according to claim 1, wherein in (a) the germinating is carried out at a temperature ranging from 20 to 30°C.

Claim 5 (Original): The method according to claim 4, wherein the temperature ranges from 22 to 26°C.

Claim 6 (Withdrawn): A kit for the synthesis of cDNA libraries of plants comprising the necessary components and instructions for the embodiment of the method defined in claim 1.

Claim 7 (New) The method according to claim 1, wherein the seeds are *Lycopersicon esculentum* seeds.

Claim 8 (New) The method according to claim 1, wherein the seeds are *Triticum durum* seeds.

Claim 9 (New) The method according to claim 2, wherein the quantity of 5-azaCytidine is from 0.3 mM to 0.5 mM.

Claim 10 (New): The method according to claim 2, wherein in the germinating is carried out at a temperature of from 20 to 30°C.

Claim 11 (New): The method according to claim 10, wherein the temperature ranges from 22 to 26°C.